

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003587.D
 Acq On : 27 Jun 2018 00:05
 Operator : SY/AP
 Sample : J3665-02
 Misc : 5.31G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-105-4(95-97)

Quant Time: Jun 27 08:06:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

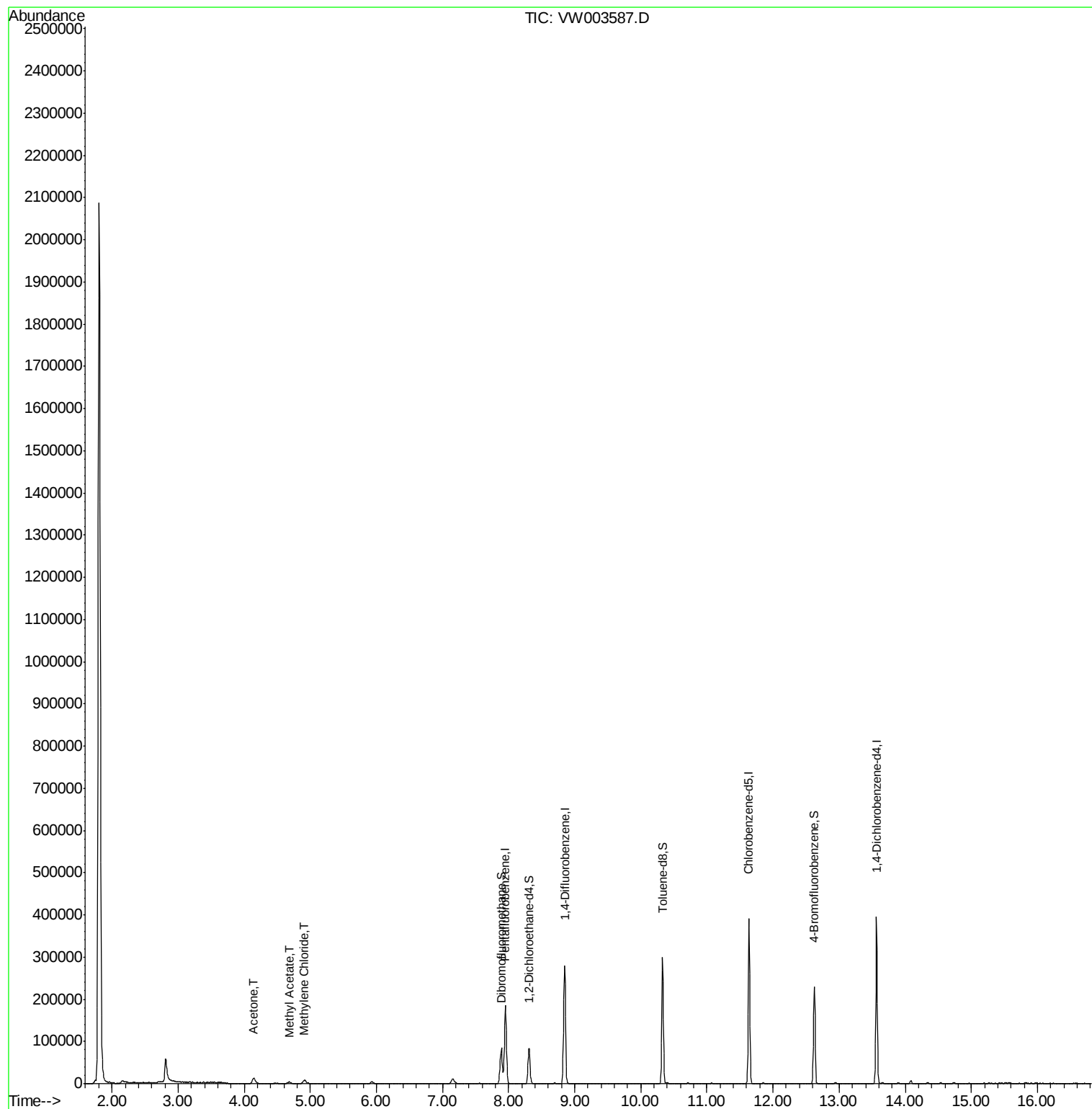
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	130911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	220201	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	204629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	97410	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	67241	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
35) Dibromofluoromethane	7.89	113	58199	42.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.06%	
50) Toluene-d8	10.33	98	185768	34.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.48%	
62) 4-Bromofluorobenzene	12.62	95	64755	33.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.46%	
Target Compounds						
16) Acetone	4.15	43	25283	85.02	ug/l	95
18) Methyl Acetate	4.67	43	6771	9.60	ug/l	96
20) Methylene Chloride	4.91	84	6020	1.18	ug/l	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003587.D

Acq: 27 Jun 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

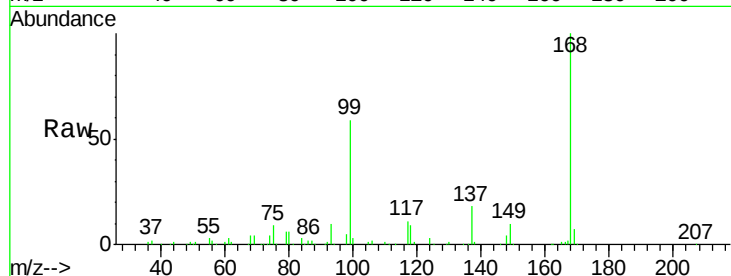
EPE-105-4(95-97)

Tot Ion:168 Resp: 130911

Ion Ratio Lower Upper

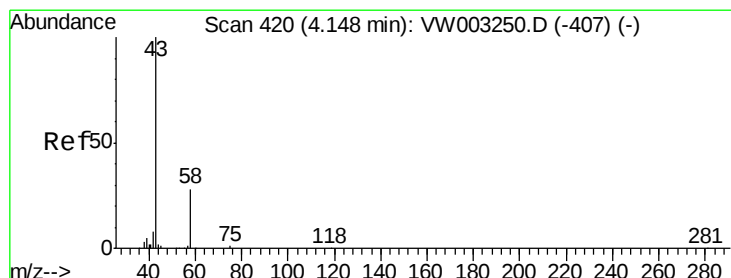
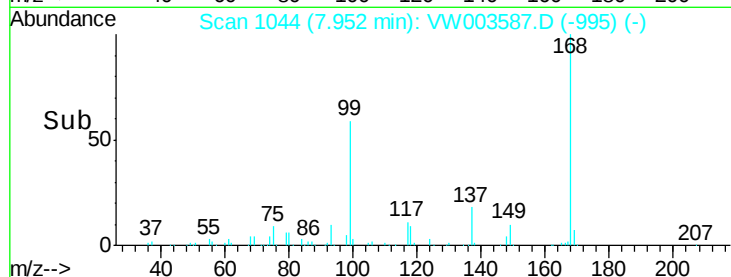
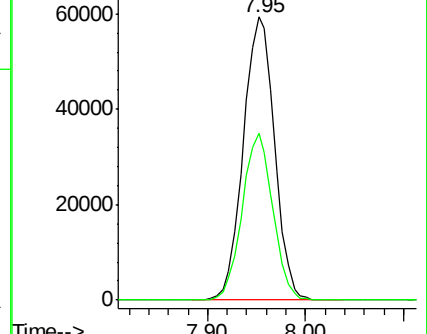
168 100

99 58.9 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 85.02 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003587.D

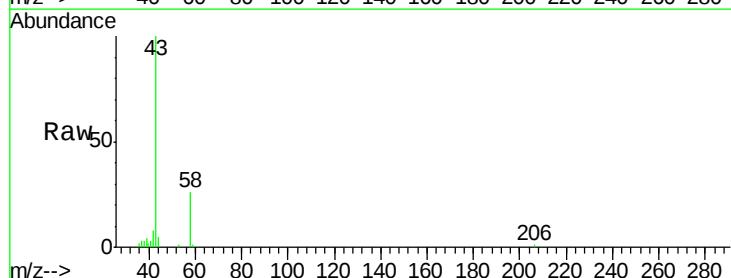
Acq: 27 Jun 2018 00:05

Tgt Ion: 43 Resp: 25283

Ion Ratio Lower Upper

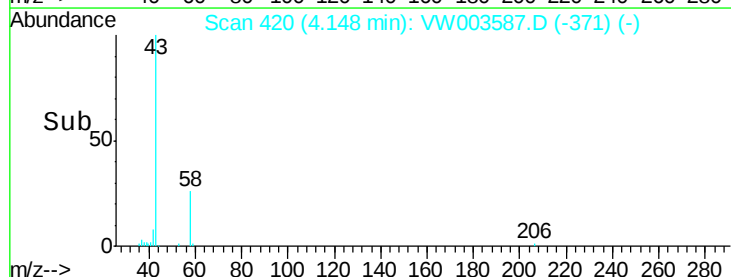
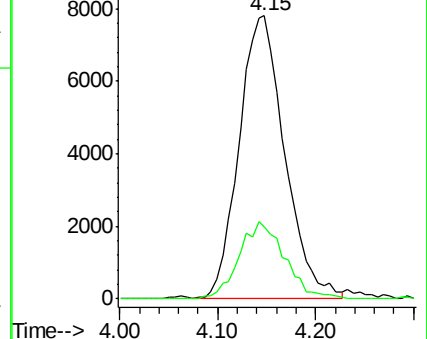
43 100

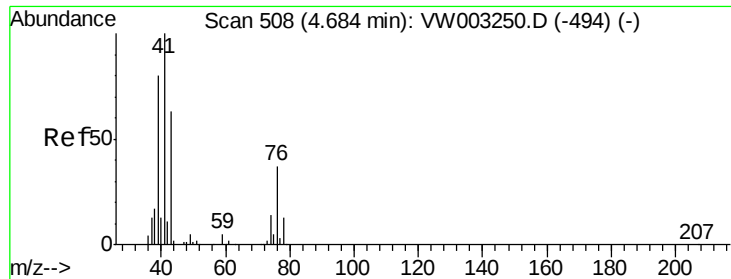
58 25.6 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#18

Methvl Acetate

Concen: 9.60 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: VW003587.D

Acq: 27 Jun 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

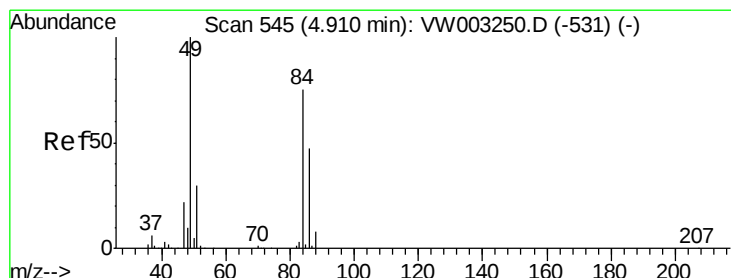
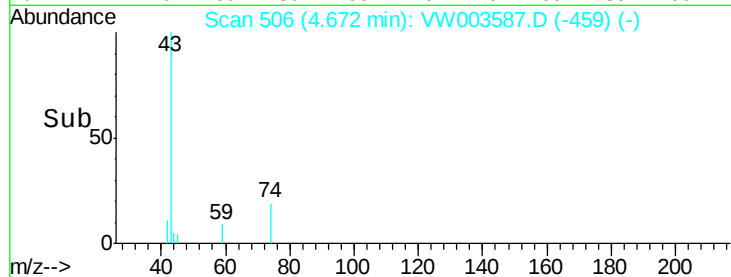
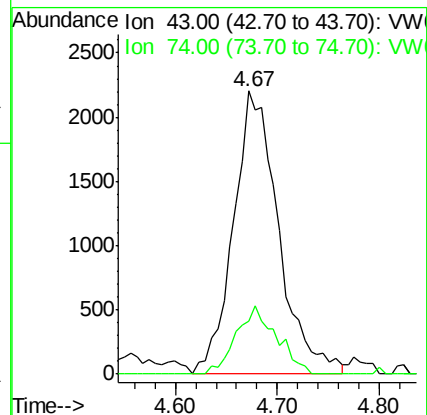
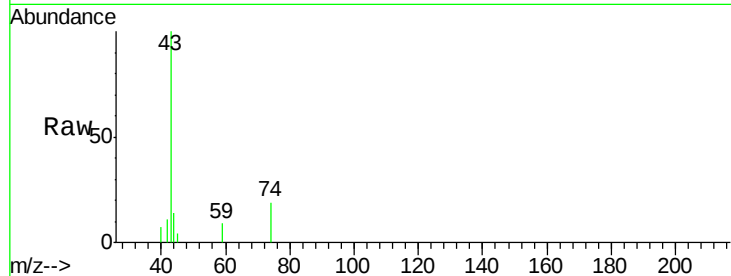
EPE-105-4(95-97)

Tot Ion: 43 Resp: 6771

Ion Ratio Lower Upper

43 100

74 21.5 18.7 28.1



#20

Methylene Chloride

Concen: 1.18 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW003587.D

Acq: 27 Jun 2018 00:05

Tgt Ion: 84 Resp: 6020

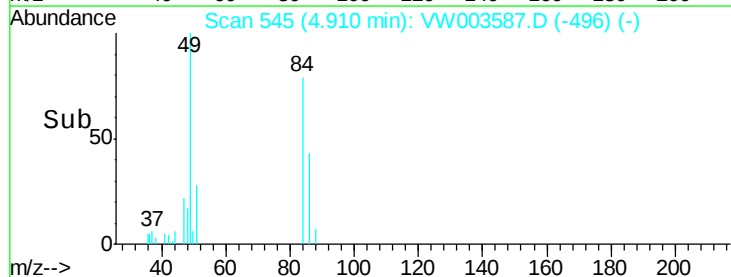
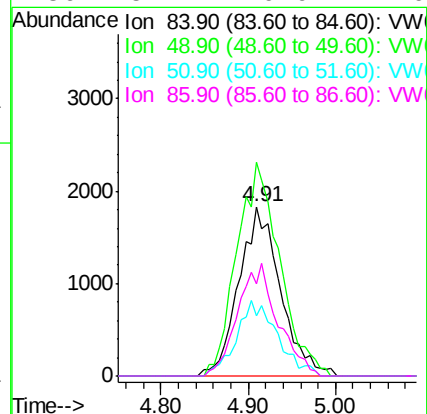
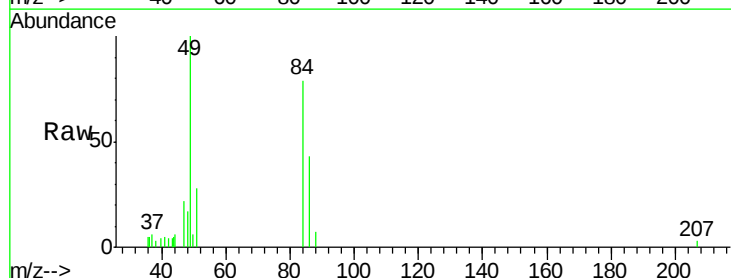
Ion Ratio Lower Upper

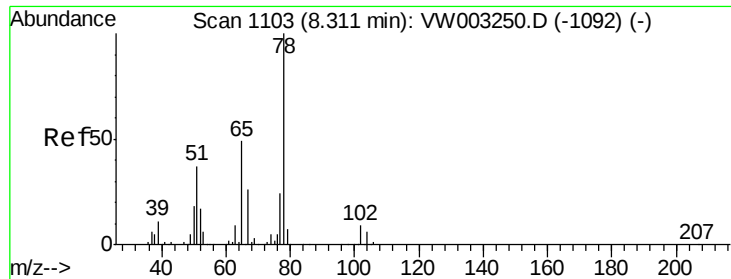
84 100

49 126.0 106.3 159.5

51 35.8 32.0 48.0

86 54.4 49.9 74.9

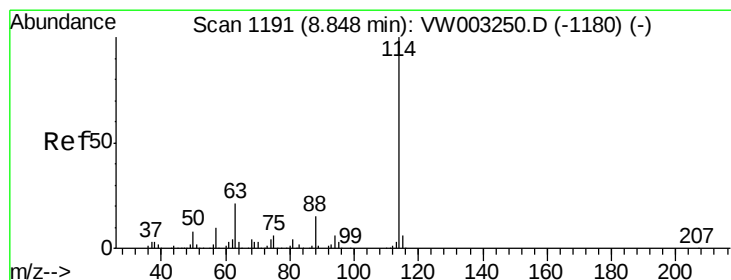
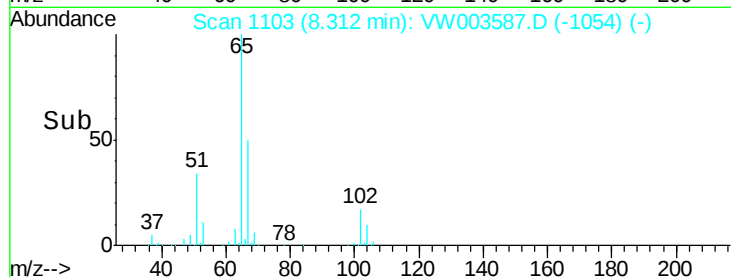
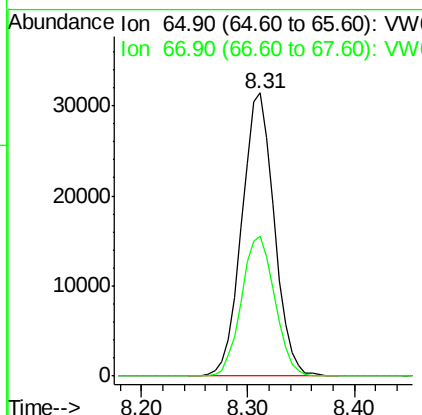
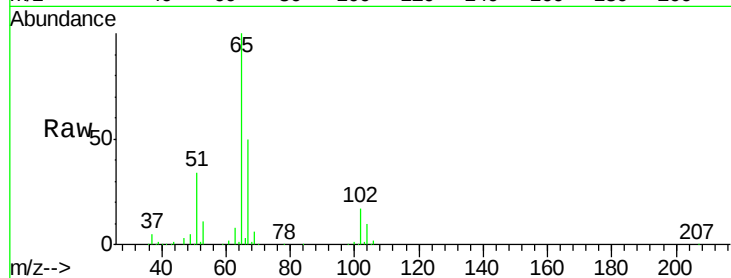




#33
 1,2-Dichloroethane-d4
 Concen: 47.42 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003587.D
 Acq: 27 Jun 2018 00:05

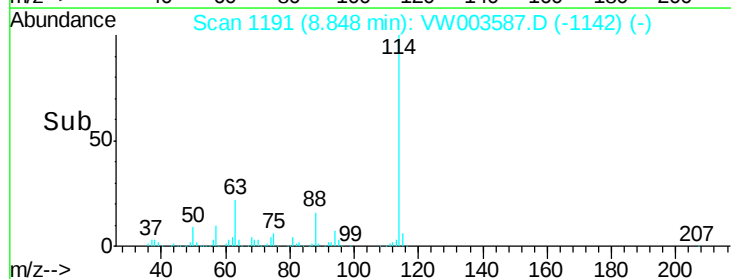
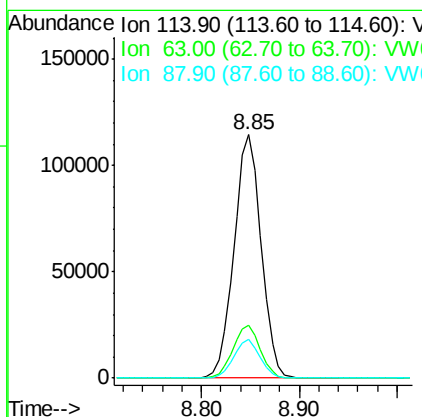
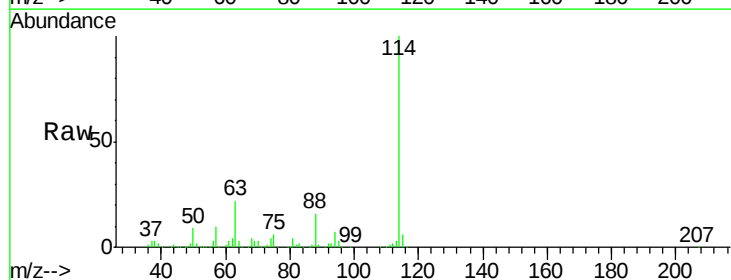
Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-105-4(95-97)

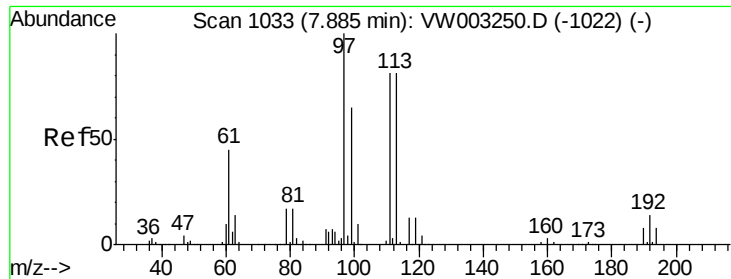
Tot Ion: 65 Resp: 67241
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003587.D
 Acq: 27 Jun 2018 00:05

Tgt Ion: 114 Resp: 220201
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 43.0
 88 15.9 0.0 29.6

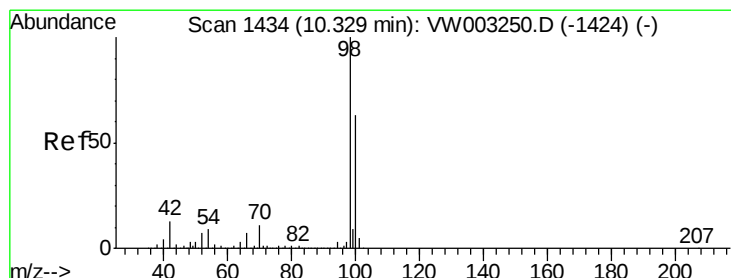
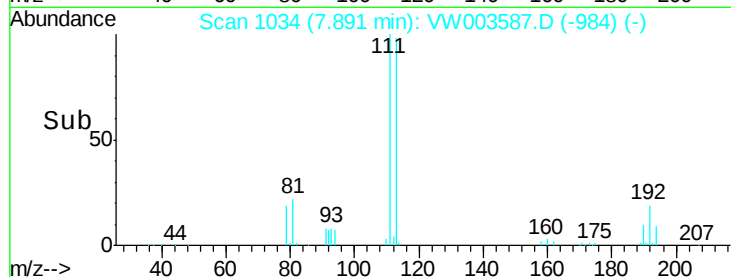
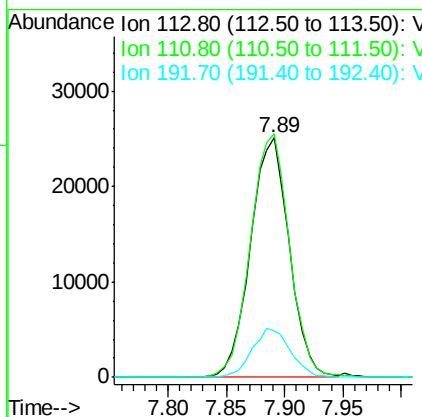
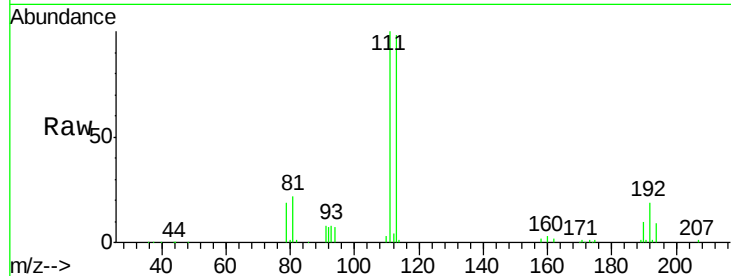




#35
Dibromofluoromethane
Concen: 42.53 ug/l
RT: 7.89 min Scan# 1034
Delta R.T. 0.01 min
Lab File: VW003587.D
Acq: 27 Jun 2018 00:05

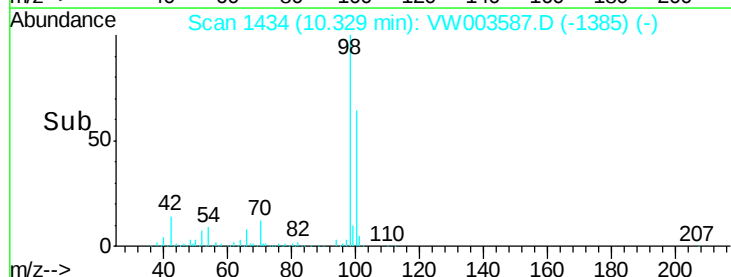
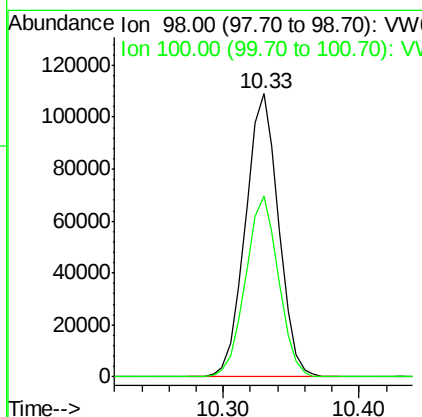
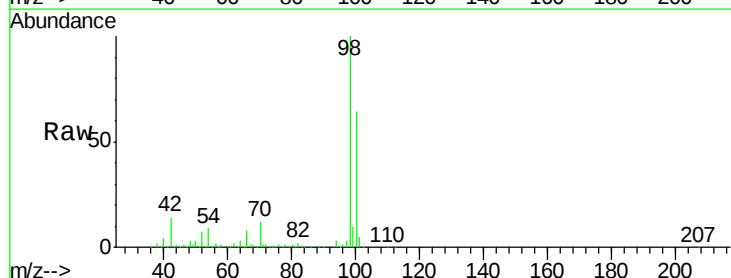
Instrument :
MSVOA_W
ClientSampleId :
EPE-105-4(95-97)

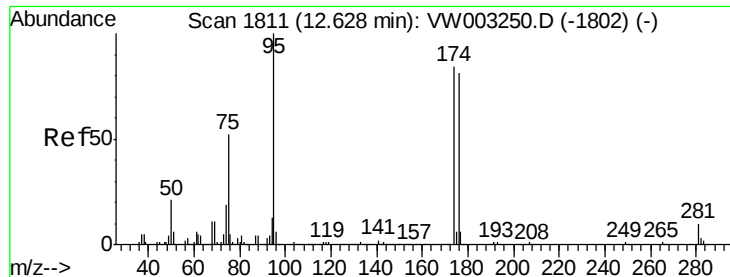
Tot Ion:113 Resp: 58199
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 20.2 16.2 24.2



#50
Toluene-d8
Concen: 34.24 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003587.D
Acq: 27 Jun 2018 00:05

Tgt Ion: 98 Resp: 185768
Ion Ratio Lower Upper
98 100
100 63.5 50.8 76.2

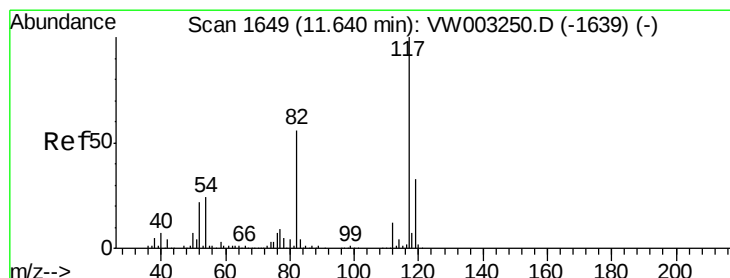
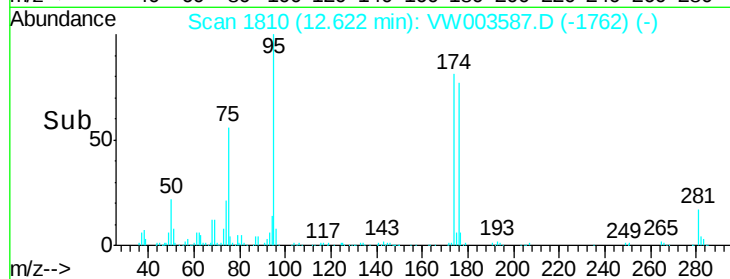
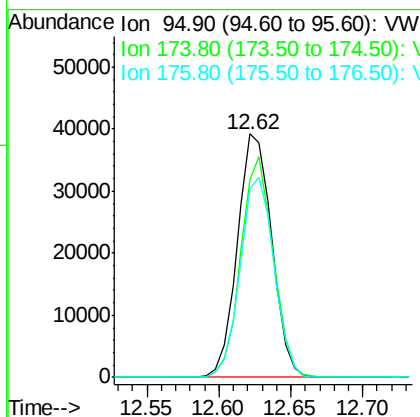
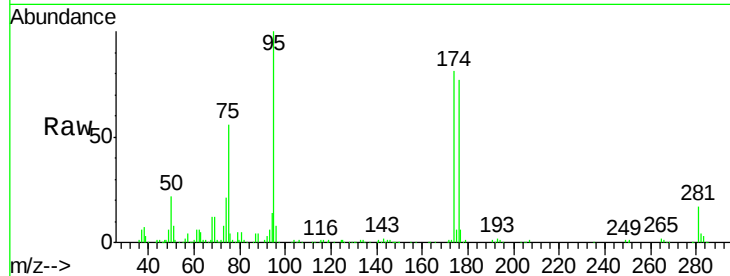




#62
4-Bromofluorobenzene
Concen: 33.73 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VW003587.D
Acq: 27 Jun 2018 00:05

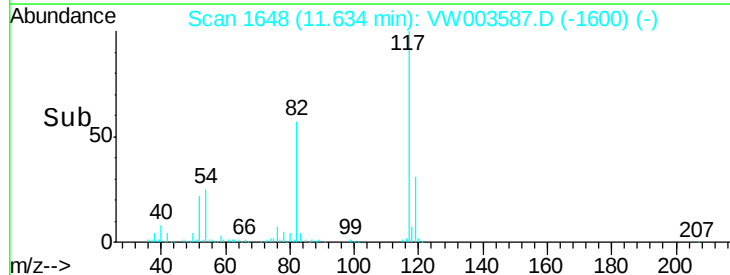
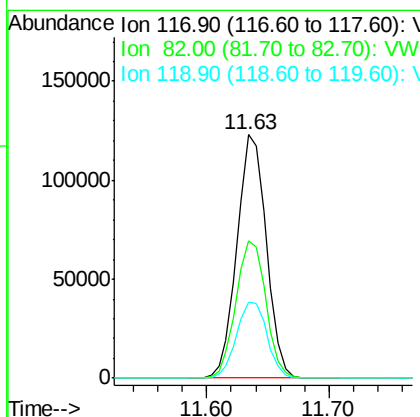
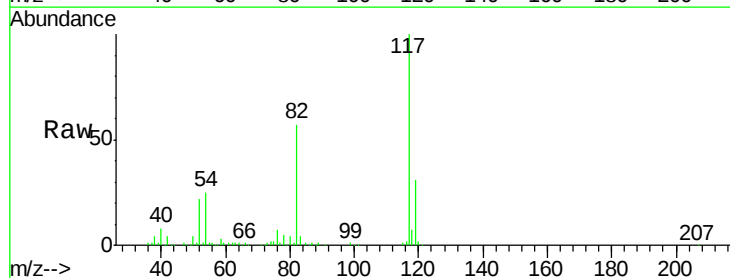
Instrument :
MSVOA_W
ClientSampleId :
EPE-105-4(95-97)

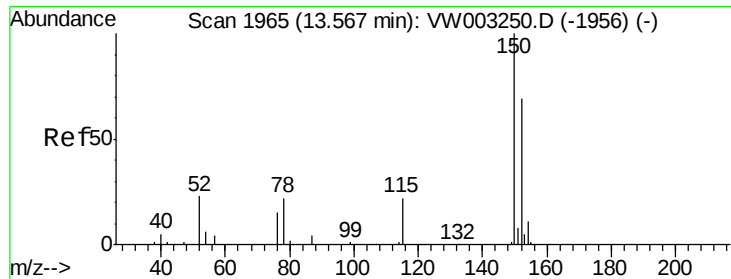
Tot Ion	95	Resp	64755
Ion Ratio	Lower	Upper	
95	100		
174	85.6	0.0	166.4
176	80.7	0.0	162.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003587.D
Acq: 27 Jun 2018 00:05

Tgt Ion	117	Resp	204629
Ion Ratio	Lower	Upper	
117	100		
82	56.6	44.6	67.0
119	31.4	26.7	40.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003587.D

Acq: 27 Jun 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

EPE-105-4(95-97)

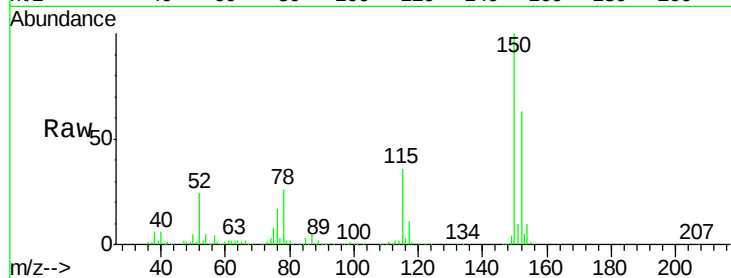
Tot Ion:152 Resp: 97410

Ion Ratio Lower Upper

152 100

115 57.5 29.3 88.0

150 155.8 0.0 349.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

